

BS97040 CON

U.S. Application No. 10/073,451 Examiner Yao, Art Unit 2667  
Response to June 1, 2005 Office Action

**AMENDMENT TO THE CLAIMS**

21. (Original) In an Advanced Intelligent Network (AIN) including a service switching point (SSP) communicatively connected to a service control point (SCP), a method to set up and activate an internet call notification service for ~~the~~ a user, comprising:

causing the SSP to receive notice of initiation of an internet session by the user;

causing the SSP to send a message to the SCP;

causing the SCP to create an internet call entry including a telephone number of the user;

causing the SCP to obtain an internet protocol address for the user;

causing the SCP to enter the internet protocol address in the internet call entry;

and

causing the SSP to set a termination attempt trigger with respect to the telephone number of the user,

whereby the internet call notification service is set up in response to the notice of initiation of the internet session so as to prompt creation of an internet call entry including the telephone number of the user, and

whereby the internet call notification service is activated in response to obtaining the internet protocol address for the user, inclusion of the internet protocol address in the internet call entry, and setting of the termination attempt trigger with respect to the telephone number of the user.

22. (Currently Amended) The method of Claim ~~37~~ 21, wherein causing the SSP to receive the notice of the initiation of the internet session by the user comprises causing the SSP to receive a call directed to a feature code and a dialed number of an internet service provider.

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23. (Currently Amended) The method of Claim ~~38~~ 22, wherein causing the SSP to send the message to the SCP comprises causing the feature code to invoke the SSP to send the message to the SCP.
24. (Currently Amended) The method of Claim ~~39~~ 23, wherein the message from the SSP to the SCP comprises the feature code; and  
wherein causing the SCP to create the internet call entry including the telephone number of the uses comprises causing the feature code in the message to invoke the SCP to create the internet call entry.
25. (Currently Amended) The method of Claim ~~37~~ 21, further comprising:  
causing the SCP to send confirmation of the activation of the internet call notification service to the user.
26. (Currently Amended) The method of Claim ~~37~~ 21, wherein the SCP obtains the internet protocol address for the user from a computer of the user.
27. (Currently Amended) The method of Claim ~~37~~ 21, wherein the SCP receives the internet protocol address for the user from an internet service provider.
28. (Currently Amended) The method of Claim ~~42~~ 26, wherein the internet protocol address ~~received from the computer of the user and~~ included in the internet call entry is assigned to the computer of the user for the internet session.
29. (Currently Amended) The method of Claim ~~37~~ 21, further comprising:  
causing the SSP to monitor the internet session for conclusion of the internet session;  
in response to the conclusion of the internet session, causing the SSP to send information of the conclusion to the SCP; and

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causing the SCP in response to the information of the conclusion to remove the internet protocol address of the user.

30. (Currently Amended) The method of Claim ~~45~~ 29, wherein causing the SCP to remove the internet protocol address of the user comprises causing the SCP to remove the internet call entry.
31. (Currently Amended) The method of Claim ~~37~~ 21, wherein the SCP is operative to receive a default number with the internet protocol address for the user; and  
wherein the SCP is operative to enter the default number in the internet call entry.
32. (Cancel)
33. (Cancel)
34. (Cancel)
35. (Cancel)
36. (Cancel)
37. (Cancel)
38. (Cancel)
39. (Canceled)
40. (Canceled)
41. (Cancel)
42. (Cancel)
43. (Cancel)
44. (Cancel)
45. (Cancel)
46. (Cancel)